

REMARKS

In the Office Action mailed January 27, 2006, the Examiner has required restriction between the following species:

- I. directed to a parameter identification used in the design of the adaptation algorithm;
- II. directed to an Extended Kalman Filter used in the design of the adaptation algorithm; and
- III. directed to a neuro-fuzzy method used in the design of the adaptation algorithm.

Applicants hereby elect, with traverse, Species 1, directed to a parameter identification used in the design of the adaptation algorithm for further prosecution on the merits. Applicants submit that prosecution of claims of claims 11, 14-20, 22, 24-26, 29-34 and 36-46 is in order. Applicants have amended the claims so that each of the now pending claims is directed to Species 1 and therefore, should be considered by the Examiner.

Consequently, examination of all of the claims is in order.

condition for allowance.

Dated: February 23, 2006

Respectfully submitted,

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